

**Peer Review Evaluation**  
**Review of Center for Nanotechnology**  
**Qualitative Evaluation**

Item No.	Item Description	Assessment by the evaluators (circle the one which is most appropriate)	Remarks
A1	<b>Infrastructure</b>	<del>Good</del> / Satisfactory / <del>Not-satisfactory</del>	
A2	<b>Finance</b>	<del>Good</del> / Satisfactory / <del>Not-satisfactory</del>	
A3	<b>Curriculum and Courses offered</b>	Good / <del>Satisfactory</del> / <del>Not-satisfactory</del>	
A4	<b>Research Activities</b>	Good / <del>Satisfactory</del> / <del>Not-satisfactory</del>	
A5	<b>Motivational environments for academic works</b>	Good / <del>Satisfactory</del> / <del>Not-satisfactory</del>	
A6	<b>Faculty Development Programme</b>	Good / <del>Satisfactory</del> / <del>Not-satisfactory</del>	
A7	<b>Academic Collaboration (National / International)</b>	Good / <del>Satisfactory</del> / <del>Not-satisfactory</del>	
A8	<b>Personality Development Programme for students</b>	Good / <del>Satisfactory</del> / <del>Not-satisfactory</del>	
A9	<b>External stakeholder engagement</b>	<del>Good</del> / Satisfactory / <del>Not-satisfactory</del>	
A10	<b>Participation in Institute's Administration and other Activities</b>	Good / <del>Satisfactory</del> / <del>Not-satisfactory</del>	

- Good:  $\geq 80$ ; Satisfactory: 60-80; not satisfactory:  $\leq 60$





### Quantitative Evaluation

Marks (out of 100) obtained against each major item (1-10) above is  $A_i$ , Weightage of each major item is  $W_i$

$$\text{Total marks out of 100 is } \sum_1^{10} W_i A_i$$


( $W_1 = 0.15, W_2 = 0.15, W_3 = 0.15, W_4 = 0.15, W_5 = 0.10, W_6 = 0.10, W_7 = 0.05, W_8 = 0.05, W_9 = 0.05, W_{10} = 0.05$ )

#### Evaluation Matrix

$W_i A_i$		Total	a	b	c	d	e	f	g	h	i	J	k	l	Sum	%
15	A1	75	NR	22	24	21	--	--	--	--	--	--	--	--	67	89.33
15	A2	100	90	--	--	--	--	--	--	--	--	--	--	--	90	90
15	A3	100	32	13	13	25	--	--	--	--	--	--	--	--	83	83
15	A4	100	20	10	15	03	10	09	09	08	08	--	--	--	92	92
10	A5	70	NR	NR	NR	NR	10	10	04	05	18	0	10	05	66	94.29
10	A6	100	08	14	13	13	12	13	13	--	--	--	--	--	86	86
5	A7	100	05	05	19	15	20	--	--	--	--	--	--	--	64	64
5	A8	100	28	29	38	--	--	--	--	--	--	--	--	--	95	95
5	A9	100	05	30	20	20	--	--	--	--	--	--	--	--	75	75
5	A10	100	58	37	--	--	--	--	--	--	--	--	--	--	95	95
$\sum_1^{10} W_i A_i =$ <b>100</b>																

NR= Not Relevant

$W_i$	$A_i$	$W_i A_i$
0.15	89.33	13.4
0.15	90	13.5
0.15	83	12.45
0.15	92	13.8
0.1	94.29	9.43
0.1	86	8.6
0.05	64	3.2
0.05	95	4.75
0.05	75	3.75
0.05	95	4.75
		<b>87.63</b>

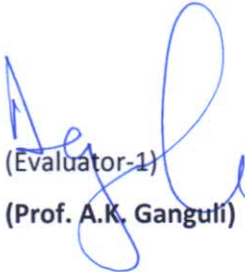

## SUMMARY of ASSESSMENT

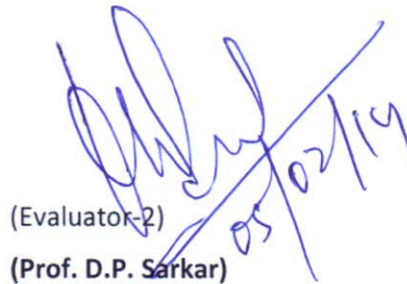
**Overall Qualitative Evaluation:** Very good. This is one of the first nanotechnology centers in the country and has done well in very short span of time. It has brought in people with variety of expertise under a common roof and progressed well in the direction of developing interdisciplinary laboratories having relevance to nanotechnology.

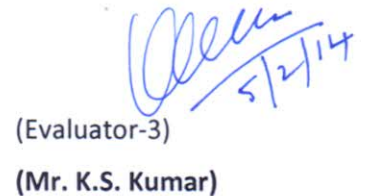
**Overall Quantitative Evaluation:** 87.63%.

**Additional Comments (on the strengths and weaknesses of the program):** It is an outstanding program. A couple of areas that have scope for improvement are industrial engagement, foreign students, undergraduate courses. Addition of few more technical personnel will strengthen the existing laboratory and research facilities. Interaction with clinicians/ scientists working in biotechnology and drug delivery is recommended.

**Overall Recommendation:** The centre should strongly devote time to prioritizing their aims and research interests and focus on few activities where they have significant interdisciplinary expertise. It is suggested that in three to five years time, they should have low cost processes and products of significant value to the north east and the nation. In this context, it may be mentioned that It is necessary that all possible steps are taken for protection of IPR. In addition, few outstanding research papers are expected to showcase the talent and intellectual manpower available at the centre.

  
(Evaluator-1)  
(Prof. A.K. Ganguli)

  
(Evaluator-2)  
(Prof. D.P. Sarkar)

  
(Evaluator-3)  
(Mr. K.S. Kumar)